

Date: Wed, 13 Jul 94 06:37:47 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #784
To: Info-Hams

Info-Hams Digest Wed, 13 Jul 94 Volume 94 : Issue 784

Today's Topics:

 6M Warnings, TV Ch. 2, 3, 4...
 Daily Summary of Solar Geophysical Activity for 06 July
 Daily Summary of Solar Geophysical Activity for 07 July
 GARC Shuttle Communications Retransmissions
 HTX-202 S meter - What does it measure during TX?
 Learning the dreaded CODE!
 Need manual for US Tower MA550
 US License Examination Opportunities Scheduled 7/07/94 to 10/10/94
 WARNING: Ended Potential Satellite Anomaly Warning - 10 July

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 12 Jul 94 21:32:26 GMT
From: spcuna!starcomm.overleaf.com!n2ayj!n2ayj@uunet.uu.net
Subject: 6M Warnings, TV Ch. 2, 3, 4...
To: info-hams@ucsd.edu

In article <CsuAu1.2G37@yuma.ACNS.ColoState.EDU> galen@picea.CFNR.ColoState.EDU
writes:

>

>Maybe a cheapo radio that gets TV audio would be a good propogation monitor...
>Galen, KF0YJ

I recently got wind of a 6m opening by flutter on my 46/49 MHz CORDLESS
PHONE. Believe it, or else.

Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!

quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network

Subject: Daily Summary of Solar Geophysical Activity for 06 July

To: info-hams@ucsd.edu

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

06 JULY, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 06 JULY, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 187, 07/06/94

10.7 FLUX=084.2 90-AVG=079 SSN=051 BKI=2233 2234 BAI=012

BGND-XRAY=A4.8 FLU1=2.7E+06 FLU10=1.3E+04 PKI=2233 2234 PAI=011

BOU-DEV=011,014,033,021,013,017,023,063 DEV-AVG=024 NT SWF=00:000

XRAY-MAX= B7.9 @ 1651UT XRAY-MIN= A3.7 @ 2117UT XRAY-AVG= A6.2

NEUTN-MAX= +003% @ 1355UT NEUTN-MIN= -001% @ 2150UT NEUTN-AVG= +0.4%

PCA-MAX= +0.1DB @ 1935UT PCA-MIN= -0.5DB @ 2350UT PCA-AVG= -0.0DB

BOUTF-MAX=55315NT @ 0718UT BOUTF-MIN=55241NT @ 2251UT BOUTF-AVG=55302NT

GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+093,+000,+000

GOES6-MAX=P:+193NT@ 2126UT GOES6-MIN=N:-045NT@ 0058UT G6-AVG=+122,+033,-018

```
FLUXFCST=STD:085,085,085;SESC:085,085,085 BAI/PAI-FCST=015,015,015/015,015,015
```

KFCST=2245 2222 2245 2222 27DAY-AP=010,017 27DAY-KP=2344 2122 2335 3433

WARNINGS=

ALERTS=**SWEEP:II=2@1655-1704UTC;**SWEEP:II=3@2352-0000UTC

!!END-DATA!!

NOTE: The Effective Sunspot Number for 05 JUL 94 was 26.0.

The Full Kp Indices for 05 JUL 94 are: 2o 2o 2- 1+ 2- 3- 2o 3-

The 3-Hr Ap Indices for 05 JUL 94 are: 8 8 6 5 6 11 9 12

Greater than 2 MeV Electron Fluence for 06 JUL is: 1.7E+08

SYNOPSIS OF ACTIVITY

Solar activity was very low. Region 7746 (N10E22) produced the largest flare of the day, a B7/SF at 06/1650Z which was associated with a Type II sweep. This region continues to grow and has developed some mixed polarities. New Region 7747 (S17E34) was numbered as a small B-type group.

Solar activity forecast: solar activity is expected to be very low to low. C-class flares are possible in Region 7746.

The geomagnetic field was quiet to unsettled. The greater than 2 MeV electron flux at geosynchronous altitudes was high for most of the day.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled with some active periods for the next three days.

Event probabilities 07 jul-09 jul

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 07 jul-09 jul

A. Middle Latitudes

Active	30/30/30
Minor Storm	15/15/15
Major-Severe Storm	05/05/05

B. High Latitudes

Active	30/30/30
Minor Storm	15/15/15
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions. Near-normal propagation should persist over the next 72 hours, through 09 July inclusive.

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 06/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7742	S10W52	231	0100	DAO	03	006	BETA	
7746	N10E22	157	0210	CAO	06	012	BETA	
7747	S17E34	145	0010	BX0	03	003	BETA	
7743	S10W39	218					PLAGE	
7745	N08W39	218					PLAGE	

REGIONS DUE TO RETURN 07 JULY TO 09 JULY

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 06 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
0438	0442	0444			B1.0		480		
1643	1650	1657	7746	N09E23	B7.9	SF	430	52	II
1753	1757	1800			B1.3		110		
2340	2346	2352	7746	N08E22	B5.6	SF	49		II

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 06 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
06/A0452		B1718	N36E17	DSF				
06/ 1655		1704	N09E23	RSP	B7.9	14	2	
06/ 2352		07/ 0000	N08E22	RSP	B5.6	12	3	

INFERRED CORONAL HOLES. LOCATIONS VALID AT 06/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
90	N45E66	N17E41	N20E31	N45E56	130	ISO	POS	009	10830A
91	S25E56	S25E56	S15E47	S15E47	126	ISO	POS	001	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
05 Jul:	1644	1654	1659	B1.5						
	2104	2109	2114	B1.4	SF	7746	N10E34			

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7746:	0	0	0	1	0	0	0	0	001	(50.0)
Uncorrelated:	0	0	0	0	0	0	0	0	001	(50.0)

Total Events: 002 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
05 Jul:	2104	2109	2114	B1.4	SF	7746	N10E34	III

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Sun, 10 Jul 1994 11:40:39 MDT
 From: ihnp4.ucsd.edu!library.ucla.edu!psgrain!nntp.cs.ubc.ca!unixg.ubc.ca!
 quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network.ucsd.edu
 Subject: Daily Summary of Solar Geophysical Activity for 07 July

To: info-hams@ucsd.edu

///

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

09 JULY, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 09 JULY, 1994

NOTE: The greater than 2 MeV electron fluence has fallen back toward low to moderate levels.

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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 190, 07/09/94
10.7 FLUX=085.9  90-AVG=080          SSN=072          BKI=2100 1211  BAI=003
BGND-XRAY=A6.6    FLU1=9.0E+05  FLU10=1.5E+04  PKI=2101 2322  PAI=006
    BOU-DEV=013,004,002,002,006,019,005,006  DEV-AVG=007 NT      SWF=00:000
    XRAY-MAX= B4.5    @ 1858UT      XRAY-MIN= A6.2    @ 0927UT      XRAY-AVG= A9.2
NEUTN-MAX= +003%    @ 1905UT      NEUTN-MIN= -001%    @ 1925UT      NEUTN-AVG= +0.6%
    PCA-MAX= +0.1DB @ 2050UT      PCA-MIN= -0.9DB @ 2340UT      PCA-AVG= -0.1DB
BOUTF-MAX=55251NT @ 1300UT      BOUTF-MIN=55230NT @ 1659UT      BOUTF-AVG=55244NT
GOES7-MAX=P:+000NT@ 0000UT      GOES7-MIN=N:+000NT@ 0000UT      G7-AVG=+091,+000,+000
GOES6-MAX=P:+000NT@ 0000UT      GOES6-MIN=N:+000NT@ 0000UT      G6-AVG=+000,+000,+000
    FLUXFCST=STD:085,085,085;SESC:085,085,085  BAI/PAI-FCST=005,010,015/012,015,015
    KFCST=2233 3332 2334 4322  27DAY-AP=021,011  27DAY-KP=3445 3443 3223 2333
WARNINGS=
ALERTS=
!!END-DATA!!

```

NOTE: The Effective Sunspot Number for 08 JUL 94 was 35.0.
 The Full Kp Indices for 08 JUL 94 are: 2- 2- 1+ 1+ 2- 2- 2+ 2-
 The 3-Hr Ap Indices for 08 JUL 94 are: 6 6 5 5 7 7 9 7
 Greater than 2 MeV Electron Fluence for 09 JUL is: 1.6E+07

SYNOPSIS OF ACTIVITY

Solar activity was very low. Activity this period consisted of 3 weak B-class flares. An optically uncorrelated B1 x-ray event occurred at 09/0031Z, a B1/SF was reported at 09/0934Z from Region 7746 (N12W16) and just recently, a B4/SF

occurred from Region 7749 (S08W21) at 09/1857Z. Weak low frequency radio emissions were reported from all three events. Region 7746 has shown dramatic growth over the past 24 hours, mostly in the leader portion of the group. Two new penumbral areas were created, both possibly in a delta configuration. All other regions are stable.

Solar activity forecast: solar activity is expected to be low. C-class, and possible M-class, activity is expected from Region 7746.

The geomagnetic field has been at quiet levels for the past 24 hours at all levels. The GT 2 MeV energetic electron flux has been in the normal to moderate range over the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be mostly quiet to unsettled for the next 3 days.

Event probabilities 10 jul-12 jul

Class M	10/10/10
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 10 jul-12 jul

A. Middle Latitudes	
Active	10/20/30
Minor Storm	05/10/15
Major-Severe Storm	01/05/05
B. High Latitudes	
Active	15/25/30
Minor Storm	05/10/15
Major-Severe Storm	05/05/05

HF propagation conditions were near-normal over the last 24 hours. No changes are expected over the next 72 hours, through 12 July inclusive, except perhaps for periods of minor signal degradation during the local night hours for transauroral high-latitude paths. There is an elevated risk for minor short wave fadeouts associated with possible M-class flare activity from Region 7746.

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 09/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7746	N11W18	156	0150	DAI	08	016	BETA	
7747	S15W07	146	0050	CSO	10	015	BETA	
7749	S08W26	163	0050	CRI	06	011	BETA	
7742	S09W92	231					PLAGE	
7743	S10W78	217					PLAGE	
7745	N08W78	217					PLAGE	
7748	S03W49	188					PLAGE	

REGIONS DUE TO RETURN 10 JULY TO 12 JULY

NMBR	LAT	LO
7740	S12	020

LISTING OF SOLAR ENERGETIC EVENTS FOR 09 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 09 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 09/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
90	N36E03	N22W03	N27W09	N38E01	141	ISO	POS	002	10830A
92	S05E61	S05E61	N10E26	N25E58	093	ISO	POS	016	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
08 Jul:	0049	0053	0056	B1.4						
	0147	0151	0159	B1.3						
	0526	0538	0551	C1.0	SF	7749	S09W01			
	0853	0856	0903	B1.0						
	1519	1524	1529	B1.1						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7749:	1	0	0	1	0	0	0	0	001	(20.0)
Uncorrelated:	0	0	0	0	0	0	0	0	004	(80.0)

Total Events: 005 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
08 Jul:	0147	0151	0159	B1.3				III

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Tue, 12 Jul 1994 18:32:28 GMT
 From: swrinde!howland.reston.ans.net!usc!nic-nac.CSU.net!news.Cerritos.edu!
 news.Arizona.EDU!math.arizona.edu!CS.Arizona.EDU!galileo.physics.arizona.edu!
 magneton.physics.Arizona.EDU!@ihnp4.ucsd.edu

Subject: GARC Shuttle Communications Retransmissions
To: info-hams@ucsd.edu

In article <1994Jul12.014329.248@news.tcu.edu>,
Myles Barkman - KG5AI <barkman@zeta.is.tcu.edu> wrote:
>In article <2vr9gv\$eo8@paperboy.gsfc.nasa.gov>, Erich Franz Stocker
<stocker@spsosun.gsfc.nasa.gov> writes...

>
>I felt I just had to say this. I'm listening right now to 3860 kHz and I
>hear more jabber from the guy at the radio club than the retransmissions
>from the shuttle. I've noticed this trend over past shuttle missions as well
>that the radio club talks an awful lot. Some of the information is quite
>useful but at the expense of the primary purpose for the station.
>I don't know how you could solve this problem unless you used another freq for
>your bulletins, maybe up 10 kHz, and announced that on the retransmission
>freq before you speak, or have a regular schedule for these transmission
>on the alternate freq. I hope you don't think I'm griping too much because I
>can't thank the people there enough for this service. When our link here isn't
>working or I go on a trip, you are always there.

>
>Just my \$0.02.

>
>myles KG5AI
>

Myles,

During shuttle missions such as this one, there is a large amount of the "retransmission" time in which no earth-to-ground transmissions are taking place. As in the previous missions in which a mid-deck and payload bay module were being used and very few problems were being encountered, when there is no transmission, the GSFC retransmission frequencies are quiet and subject to someone else moving in on the frequency (try listening on 14.295 or 7185 some time). The people working at WA3NAN do a great job of bringing us the missions, and almost always are aware of when there is someone talking either to the shuttle or the ground. In this case, I have heard the GSFC group stop transmitting (even in the midst of reading an element set) until the shuttle transmission was finished.

Unfortunately, not all hams are aware (and some ARE, but don't care), of the shuttle retransmissions, and frequently transmit close enough to QRM WA3NAN. It seems to make sense to me that, during quiet times from the shuttle, the folks at Goddard transmit in order to let others know that the frequency is occupied. Again, during a mission such as this, those quiet times are many. Perhaps we might suggest some things that we are interested in knowing about during shuttle missions that WA3NAN could transmit during these quiet times. I'm sure they would like to give us information other than crew biographies over and over. Maybe they could

give background on what type of science is being done on a particular mission.

Just another perspective,

Dave

--

Dave Burnett		daveb@magneton.physics.arizona.edu
Department of Physics		-or- wd8krv@amsat.org
University of Arizona		
Tucson, AZ 85721		"We do bubbles best..."

Date: Wed, 13 Jul 1994 01:17:55 GMT
From: rit!isc-newsserver!ultb!jdc3538@cs.rochester.edu
Subject: HTX-202 S meter - What does it measure during TX?
To: info-hams@ucsd.edu

In article <2vsgea\$4h4@Times.Stanford.EDU> msimon@CS.Stanford.EDU (Marc Simon) writes:

>Hi,
>I have an HTX-202 VHF HT and was wondering what the signal strength meter
>measures during transmit. The owners manual does not discuss the meter
>at all - The local radio shack does not know either. The meter is
>the row of lcd tombstones at the bottom of the LCD display.
>
>I assume the conventions used wrt to this meter by the HTX-202 are similar
>to other HT's.
>
>Tnx

It gives some indication of transmit power. For a quick demo,
try using batteries to transmit at low and high power, then switch
to a 12 or 13.8 volt supply and transmit at high power.

My Kenwood TH-77 and Icom 27-H both do the same thing.

73...Jim
N2VNO

Date: Wed, 13 Jul 94 03:10:19 GMT
From: spcuna!starcomm.overleaf.com!n2ayj!n2ayj@uunet.uu.net
Subject: Learning the dreaded CODE!
To: info-hams@ucsd.edu

Then there's "Shave and a hair cut" -...-. (That's DN or /)

And don't forget "Old MacDonald had a farm ", ---

So let's see, with the previous posts, that's C D E I N O Q S V.

And many people end their sentences "di dah di dah di dah" without even realizing it's a PERIOD.

No problem, mon!

--

Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

"Please keep your seat belt securely fastened, keep hands and feet inside the car at all times, secure loose items, exit to your right, and enjoy your day at SixFlagsDisneyKing's GreatMagicDominionIsland BerryFarmGardensParkWorldLand."

Date: Wed, 13 Jul 94 01:02:49 -0500

From: news.delphi.com!usenet@uunet.uu.net

Subject: Need manual for US Tower MA550

To: info-hams@ucsd.edu

Chuck Hawley <hawley@aries.scs.uiuc.edu> writes:

>I have a 55 ft crank-up non-tubular. The manual was just a few sheets
>of instructions. I could have guessed what it said. The catalog has
>the dimensions for the concrete base recommended for the various

The "problem" I have is that the tower is in three sections (disassembled). It isn't real obvious where and/or how to route the cable that cranks the thing up and down. That's why I'm looking for the assembly instructions. They were "nice enough" to send a copy of their catalog showing the recommended concrete bases. Seems to me there isn't much difference between supplying that info and telling me how to route the cranking cable. I'll certainly never buy another one of their products, and everyone would be wise to not buy them used unless the owner has the paperwork!

Date: Fri, 8 Jul 1994 11:48:00 MDT

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!

newsxfer.itd.umich.edu!nntp.cs.ubc.ca!unixg.ubc.ca!quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network.ucsd.edu

Subject: US License Examination Opportunities Scheduled 7/07/94 to 10/10/94

To: info-hams@ucsd.edu

AMATEUR RADIO EXAMINATION OPPORTUNITIES

Special Note: Amateur Radio licenses usually arrive between 8 and 10 weeks after the test session. The FCC considers their processing time to be 90 days--from the date they receive the application. The FCC usually receives the application one to two weeks after the test session (once the VE Team and the coordinating VEC have completed their processing).

Note: Codeless Technician to Technician w/HF upgraders (who pass a Morse code test) will not receive a new license from the FCC. The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "bjahnke@arrl.org" or via MCI Mail to MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on

recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE

Test Date,VEC,City,,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541

The 1994 test fee is \$5.75.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;

(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121

(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;

205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;

704-596-2168

D = Great Lakes ARC VEC Inc., 3040 Harrison St, Glenview, IL 60025;

708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-737-2315. Test fee for 1994 is \$5.00.

K = Koolau ARC, 45-529 Nakulua St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;
414-774-6999. Test fee for 1994 is \$5.00.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;

408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;

919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,

Knoxville, TN 37912-2500; 615-688-7771.

The 1994 test fee is \$5.75.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443

The 1994 test fee is \$5.75.

EXAMINATION OPPORTUNITIES SCHEDULED OUTSIDE THE UNITED STATES:

07/09/94,A,American Samoa,,684-699-2420,Michael Homsany
07/16/94,A,England,,081-902-5995,Yves a g Remedios
07/09/94,A,Germany,,49-0-67253462,Stephen Hutchins, KN6G
09/11/94,A,Guam,,627-646-7611,Harry Y Taguchi

PUERTO RICO

07/30/94,A,San Juan,,809-789-4998,Victor Madero
08/27/94,A,San Juan,,809-789-4998,Victor Madero
09/24/94,A,San Juan,,809-789-4998,Victor Madero

US VIRGIN ISLANDS

07/09/94,A,St Croix,,809-778-3156,Frank Jaeger
08/13/94,A,ST Thomas,,809-774-4740,Ronald A Hall Sr
10/08/94,A,St Croix,,809-778-3156,Frank Jaeger

*eof

>I hope you're not serious. You can't cancel the -40 on both sides.
>The F and C are units of measurement not multiplicative factors.

>Sheesh - the TV generation.

F = 9/5 C + 32 (a formula taught in grade schools)

-40 = 9/5 x -40 + 32

-40 = -72 + 32

-40 = -40

qed

For what it's worth, the overnight low at my QTH was 9.8oC last night.
My mentioning that gem of knowledge means this posting is at least as
good for information content as most HF net checkins ;).

73,

Ross ve6pdq

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(403) 675 6311 rwa@auwow.cs.athabascau.ca

Date: 13 Jul 1994 06:10:37 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-
server.caltech.edu!pjb@network.ucsd.edu
To: info-hams@ucsd.edu

References <CstyJ4.Ctp@sword.eng.hou.compaq.com>, <2vud99\$gqj@cville-
srv.wam.umd.edu>, <2vujjd\$j9@src-news.pa.dec.com>jb
Subject : Re: Lack of professional consideration for HAM operators

I don't know why people assume that paying for the liscence would encourage
better service. This is true for the private sector but is cewrtainly
not true for the public sector.

Suppose the fee was \$25, and it was still a 12 week wait. Would we pay....
yes. Would they have a reason to improve.... not necessarily. After all,
they have a monopoly -- they can charge whatever they want and take
however long they want. Other examples include the motor vehciles dept.
of any state.

Paul Brewer KI6CQ
pjb@cco.caltech.edu

End of Info-Hams Digest V94 #784
